

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	474	((capacitive capacitance)near2 (sensor detector))same ((film foil)with (support electrode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 18:10
L5	278	((capacitive capacitance)near2 (sensor detector))with ((film foil)with (support electrode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 18:10
L6	12	((capacitive capacitance)near2 (sensor detector))with ((film foil)with (support and electrode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 18:44
L7	2890	(318/468,266,467).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 18:44
L8	905	(324/663,686).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 18:44
L9	5167	(324/663,686,658-690).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 18:44
L10	3	9 and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 18:45
L11	8054	9 or 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 18:46

## EAST Search History

L12	77	11 and (environment with (adapt\$4 adjust\$4 switch\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 18:46
S1	39966	(capacitive capacitance)near3 (sens\$3 detect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 11:39
S2	630	((capacitive capacitance)near3 (sens\$3 detect\$3))with (contact\$less non\$contact)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 11:39
S3	134	S2 and ((flat film\$like film thin (sensor detector electrode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 11:40
S4	173	S2 and ((flat film\$like film thin planar)with (sensor detector electrode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 11:56
S5	8655	S1 and ((flat film\$like film thin planar)with (sensor detector electrode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 12:25
S6	196	S5 and (obstruction obstructing)and (vehicle motor )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 12:42
S7	23	((("3527405") or ("3137351") or ("1104358") or ("6600284") or ("6208101")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/07 13:34
S8	2	((("4422035") or ("4182981")).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/07 13:34

## EAST Search History

S9	13	(US-20040043696-\$ or US-20020030666-\$ or US-20030071727-\$ or US-20020101210-\$).did. or (US-5739598-\$ or US-4422035-\$ or US-6668668-\$ or US-4237421-\$ or US-4182981-\$ or US-6208101-\$ or US-6600284-\$).did. or (DE-3137351-\$ or DE-3527405-\$). did.	US-PGPUB; USPAT; EPO	OR	OFF	2006/04/10 10:22
S10	632	((capacitive capacitance)near3 (sens\$3 detect\$3))with (contact\$less non\$contact)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 11:56
S11	173	S10 and ((flat film\$like film thin planar)with (sensor detector electrode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 11:57
S12	73	S11 and (vehicle window door obstruct\$4 )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 12:41
S13	29	S12 and ((plurality plural multitude multiple several numerous)near3 (electrode plates))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 13:52
S14	96	(fingerprint adj sensor)and ((plural plurality)near3 electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 12:56
S15	58	S14 and ((flat film planar thin)with electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 13:02

## EAST Search History

S16	136	(capacitive capacitance)same (obstruct\$3 with (sens\$3 detect\$3 inspect\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 15:06
S17	23	S16 and ((plurality plural multitude multiple several numerous)near3 (electrode plates))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 13:44
S18	1	("5730165").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/10 13:52
S19	576	(324/663).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 13:52
S20	99	S19 and ((plurality plural multitude multiple several numerous)near3 (electrode plates))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 14:20
S21	1	S20 and (obstruct\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 13:53
S22	66	((capacitance capacitive)near3(sens\$3 detect\$3))same obstruction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 14:21
S23	61	((capacitance capacitive)near3(sens\$3 detect\$3))same obstruct\$3ion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 14:22
S24	105	((capacitance capacitive)near3(sens\$3 detect\$3))same obstruct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 14:22

## EAST Search History

S25	18	(US-20040043696-\$ or US-20030071727-\$ or US-20020101210-\$ or US-20030085679-\$ or US-20030151382-\$).did. or (US-5739598-\$ or US-4422035-\$ or US-6668668-\$ or US-4237421-\$ or US-4182981-\$ or US-6208101-\$ or US-6600284-\$ or US-6946853-\$ or US-6750624-\$ or US-6288707-\$ or US-6377009-\$).did. or (DE-3137351-\$ or DE-3527405-\$). did.	US-PGPUB; USPAT; EPO	OR	OFF	2006/04/10 14:50
S26	1	S25 and (air near4 dielectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 14:52
S27	15630	(air near4 dielectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 14:52
S28	1247	S27 and ((capacitance capacitive)near3 (sens\$3 detect\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 14:53
S29	78	S28 and obstruct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 14:53
S30	14	S29 and ((flat film planar) with (Sensor electrode detector))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 14:54
S31	4	(capacitive capacitance)same (obstruct\$3 with (sens\$3 detect\$3 inspect\$3))and convertible	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 15:08

## EAST Search History

S32	130	((capacitive capacitance)near3 (sens\$3 detect\$3 inspect\$3))and convertible	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 15:15
S33	577	(324/663).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 11:10
S34	87	S33 and ((flat planar film)near3 (plate electrode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 12:32
S35	0	S34 and ((body object hand)with (obstruct\$3 caught))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 11:14
S36	32928	(capacitance capacitive)near2 (sens\$3 detect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 11:13
S37	3130	S36 and ((flat planar film)near3 (plate electrode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 12:17
S38	26	S37 and ((body object hand)with (obstruct\$3 caught))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 11:14
S39	1	("5730165").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/11 12:03
S40	1660	convertible and ((flat planar film)near3 (plate electrode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 12:19

## EAST Search History

S41	3	S36 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 12:18
S42	69	(convertible near2 vehicle)and ((flat planar film)near3 (plate electrode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 12:20
S43	0	S42 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 12:20
S44	5	(convertible near2 vehicle)and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 12:20
S45	55	("2007873"   "2704225"   "2939742"   "3761658"   "3784769"   "3845261"   "3859485"   "4107645"   "4317011"   "4423294"   "4438301"   "4489302"   "4515999"   "4562315"   "4720133"   "4749193"   "4766356"   "4835449"   "4854634"   "4918360"   "4920343"   "4958882"   "4983896"   "4990900"   "5051672"   "5054686"   "5090764"   "5195798"   "5225747"   "5228562"   "5250882"   "5298706"   "5329079"   "5360955"   "5399950"   "5401922"   "5451849"   "5490709"   "5521474").PN. OR ("5864214"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/11 12:27
S46	2	S45 and ((capacitance capacitive)near3 (sens\$3 detect\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/11 12:28
S47	3130	S36 and ((flat planar film)near3 (plate electrode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 12:32

## EAST Search History

S48	394	S36 with ((flat planar film)near3 (plate electrode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 12:33
S49	48	S48 and (air with dielectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 12:33
S50	51501	(flat film\$like planar)near2 support	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 13:41
S51	269	S50 and ((capacitance capacitive)near2 (sens\$3 detect\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 13:41
S52	7	S51 and (((plural\$3 multitude multiple)near3 electrode )with support)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 16:07
S53	1	("6377009").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/11 16:07
S54	0	S53 and optical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 16:07



## EAST Search History

S55	23	(US-20030071727-\$ or US-20050092097-\$ or US-20030151382-\$ or US-20030085679-\$ or US-20020101210-\$ or US-20040043696-\$ or US-20020040266-\$).did. or (US-6377009-\$ or US-4182981-\$ or US-4237421-\$ or US-6750624-\$ or US-6288707-\$ or US-6208101-\$ or US-4422035-\$ or US-5739598-\$ or US-6600284-\$ or US-6668668-\$ or US-6946853-\$ or US-6441623-\$ or US-5864214-\$ or US-6724324-\$). did. or (DE-3527405-\$ or DE-3137351-\$).did.	US-PGPUB; USPAT; EPO	OR	OFF	2006/04/11 16:16
S56	5	S55 and (optical and addition\$3 and (capcitance capacitive))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 16:24
S57	0	S55 and (proximity with (optical and addition\$3 and (capcitance capacitive)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 16:18
S58	1	S56 and dual	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 16:24